KICKER®

KBFULL-RANGEENCLOSURE

KB6000

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KICKER®

KB**Full-Range**Enclosure
*Owner's**Manual***

Model: *KB**6000***

Congratulations on your KICKER purchase

Please record your purchase information and keep your sales receipt for validation of warranty.

Authorized Kicker Dealer: _____

Purchase Date: _____

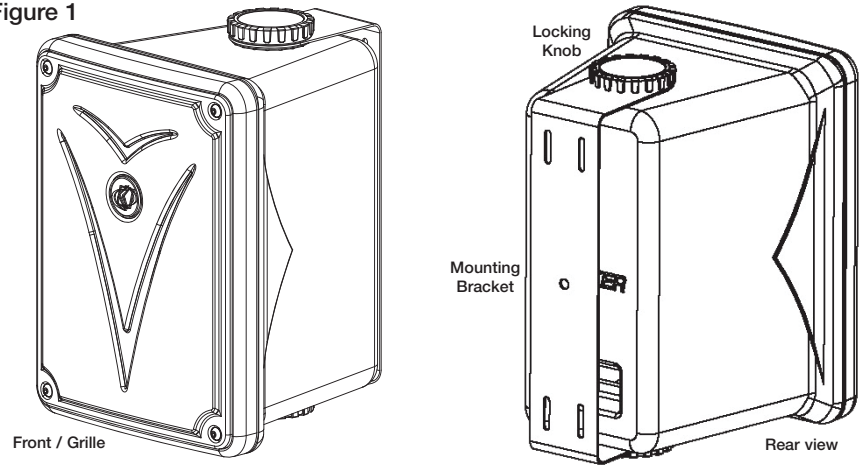
Speaker Model Number: *KB**6000***

Your KB full-range enclosures were specially designed for "Livin' Loud" out in the harsh marine, automotive, outdoor, garage/workshop, basement and dormitory environments. They are made of advanced materials and construction techniques to maintain optimal performance for years to come.

Application

The Kicker KB full-range enclosures are specifically designed for mounting in the open-air. The original wakeboarding tower speaker may have been an earlier version of the KB speaker; its ability to produce clean and crisp sound over a long distance make the KB enclosures ideal for many applications. Mount them on the patio under the eaves, in the garage, on your 4x4 or Pre-Runner, and crank them up in the dorm!

Figure 1

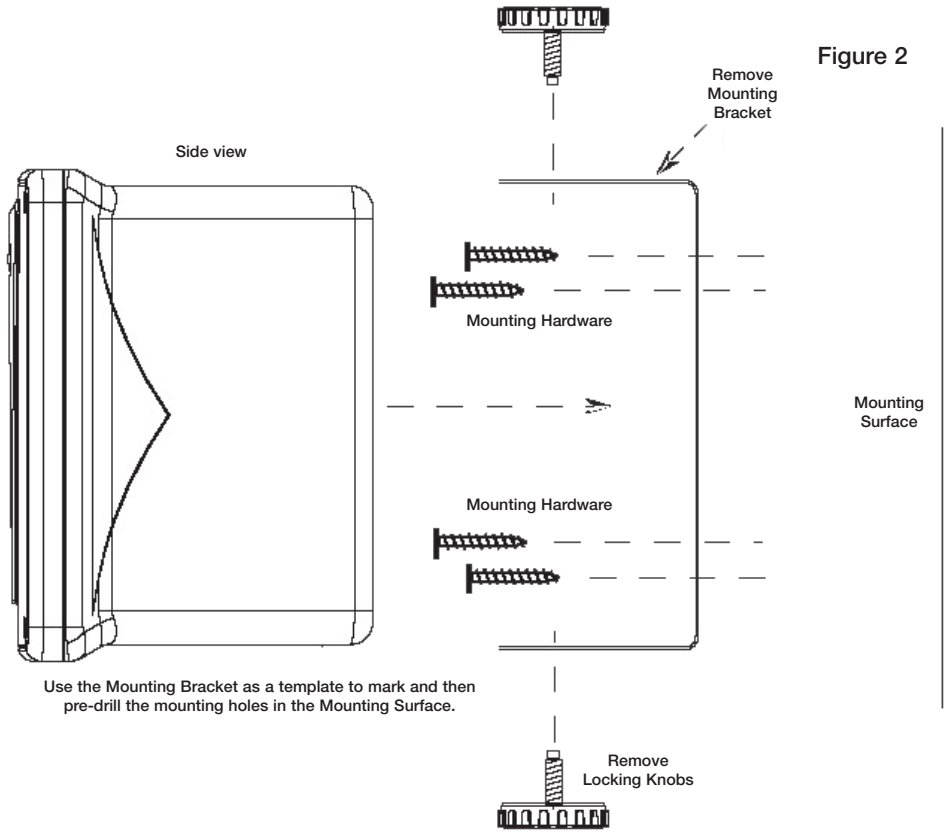


Location

The sound produced by the KB full-range enclosure is directional. The enclosure may be mounted vertically or horizontally, and the mounting bracket can be angled for the optimum firing direction. Find the best location for stereophonic sound. If necessary, add more KB full-range enclosures to the system to help distribute and balance the sound. The KB6000 "K" logo may be rotated 360 degrees for absolute style. After determining the best mounting locations, carefully check the areas where the mounting hardware will be placed.

Please allow two weeks of break-in time for the speaker to reach optimum performance.

Figure 2


Remove Mounting Bracket
Side view
Mounting Hardware
Mounting Surface
Mounting Hardware
Use the Mounting Bracket as a template to mark and then pre-drill the mounting holes in the Mounting Surface.
Remove Locking Knobs

Mounting

In most vehicle applications the best mounting position for your new KB6000 enclosures is as far away from the listening position as possible, with the speakers facing toward the listening position. In the home environment, the KB6000 can easily "rock-out" from eight to twenty feet away from and facing towards the listening area. Unscrew the locking knobs on both sides of the speaker mounting bracket. Use the mounting bracket as a "template" to mark the mounting holes on the mounting surface. Make sure there is adequate room to tighten the locking knobs on both sides of the mounting bracket before you pre-drill the mounting holes. Use a 7/64" (2.5mm) drill bit when using the supplied black coated stainless steel mounting screws, then screw the mounting bracket to the mounting surface. Position the KB6000 enclosure and loosely fasten the locking knobs, adjust the angle of the speaker and tighten the locking knobs once you have the desired listening angle.

Custom mounting locations will require more preparation, work and possibly customized hardware. If the mounting location requires you to cut metal, avoid structural metal, sewer lines and braces. In either case, make sure the speaker will not interfere with the vehicle's mechanisms or the party you are throwing out on the back patio. See Figure 2.

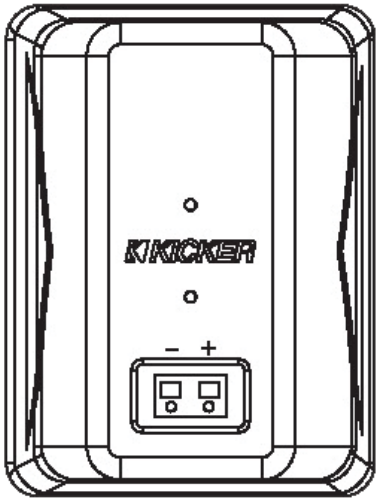
If the supplied hardware is not applicable to your installation, some other means of securely attaching the speakers to the vehicle or mounting location must be used. You are solely responsible for securely fastening the enclosure.

Note: All specifications and performance figures are subject to change. Please visit the www.kicker.com for the most current information. To get the best performance from your new Kicker speakers, we recommend using genuine Kicker Accessories and Wiring.

Wiring

If pre-existing speaker wiring is not available in your desired mounting location, it may be necessary to run the wire through the wakeboarding tower, attic in your home or along the wall in your dorm. The speaker wire should be kept away from sharp edges to avoid the possibility of getting pinched by moving mechanisms and be out of the way of all party-goers. If you must drill a hole to run the speaker wire through any location, be careful not to drill into other wiring or existing mechanisms. Any time a wire is run through a hole, it is necessary to insert a rubber or plastic grommet to protect the wire from damage. Check your local building codes for the necessary procedures and precautions for running low voltage wiring in your home or indoor skatepark.

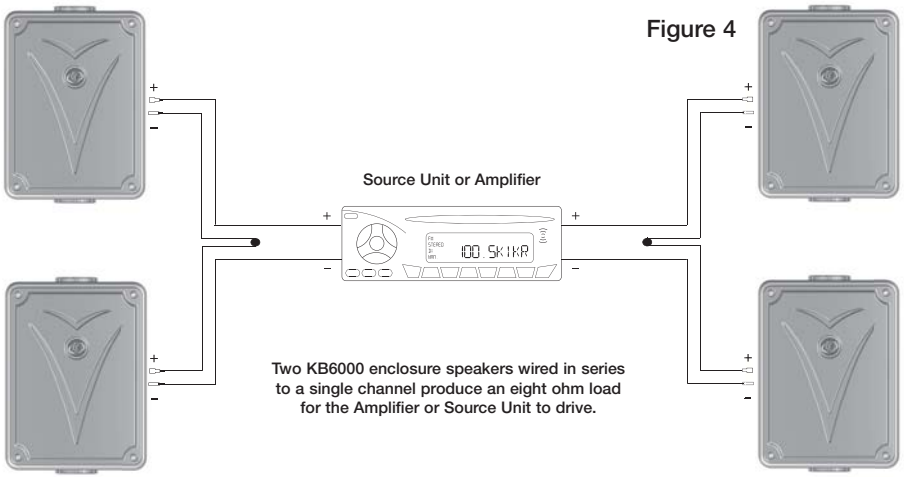
Figure 3



Rear view of Speaker Terminal

Once the speaker wiring job is finished, plug the speaker wires securely into the positive and negative speaker terminals on the back of the KB6000 enclosure. You may want to remove the mounting bracket to get a clear view of the terminals. Maintain proper polarity between all KB6000 speakers, most speaker wires are marked with a solid or dashed line on one of the two speaker wires. Use this solid or dashed line for either positive or negative polarity throughout the entire speaker system. The other end of these wires connect to your source unit or amplifier in a similar manner, observing proper polarity. See Figure 3.

Figure 4


Source Unit or Amplifier
Two KB6000 enclosure speakers wired in series to a single channel produce an eight ohm load for the Amplifier or Source Unit to drive.

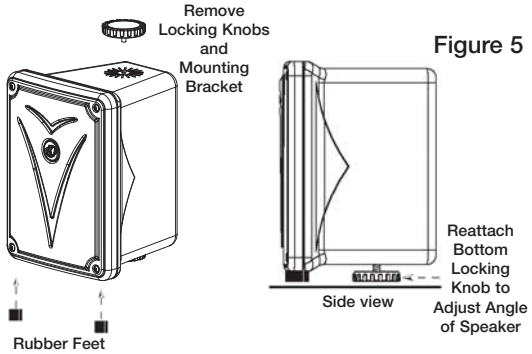
Wiring two KB6000 enclosure speakers to a single channel

Modern high performance speakers have a lower DC Resistance than what used to be available. The Kicker KB6000 speakers are rated at four ohms and work with any source unit or amplifier designed to operate at a four ohm load. If you want to use two KB6000 speakers on each channel of your source unit or amplifier wire the speakers in series, as shown above. This will improve the sound quality, lower the total harmonic distortion and lessen the thermal load at the source unit or amplifier, as it will be an eight ohm load. This may prevent an amplifier from shutting down, due to over-current protection circuitry.

Bookshelf

The Kicker KB6000 enclosure speakers can be used as bookshelf speakers. Rubber feet are provided for this type of application. Remove the two locking knobs and then the mounting bracket from the enclosure. Attach the rubber feet, reattach the bottom locking knob and adjust it until the desired angle is achieved. We recommend starting with the speaker at a level angle. See Figure 5.

Figure 5


Remove Locking Knobs and Mounting Bracket
Rubber Feet
Side view
Reattach Bottom Locking Knob to Adjust Angle of Speaker

Pro Tip: *You are one Kicker Loaded-Subwoofer enclosure, one ZX Mono-Amplifier and a few cables away from a slamm'in system! The Kicker ZX line of mono-amplifiers make it easy to upgrade to solid bass with your existing or stock source unit. Please ask your dealer about the Kicker Comp, CompVR and L5 Subwoofer upgrades.*

If you have any questions about the installation of your Kicker KB6000 enclosure speakers, see the Authorized Kicker Dealer where you made your purchase. For more advice on installation, click on the SUPPORT tab on the Kicker homepage, www.kicker.com. Choose the Technical Support tab, choose the subject you are interested in, and then download or view the corresponding information. Please E-mail support@kicker.com or call Technical Services (405) 624-8583 for specific or unanswered questions.

Performance

Model:	KB**6000**
Speaker Design	2 - Way
Woofer Size, in (mm)	6 1/2 (165)
Midrange/Tweeter Size, in (mm)	2 x 5 (50.8 x 127)
Midrange/Tweeter Design	Compression-Loaded
Rated Impedance, ohm	4
DC Resistance, ohm	3
Power Range, Watts RMS	6-75
Peak Power Handling, Watts	150
Sensitivity [SPLo], dB @ 1W, 1m	90
Effective Frequency Range, Hz	55-21k
Height, in (mm)	11 (279)
Width, in (mm)	8 1/8 (210)
Bottom Mount Depth, in (mm)	8 1/8 (210)
Grilles included	Yes

*Acoustics**Limited**Warranty*

Kicker warrants this product to be free from defects in material and workmanship under normal use for a period of THREE (3) MONTHS from date of original purchase with receipt. When purchased from an Authorized KICKER Dealer it is warranted for ONE (1) YEAR from date of original purchase with receipt. In all cases you must have the original receipt. Should service be necessary under this warranty for any reason due to manufacturing defect or malfunction during the warranty period, Kicker will repair or replace (at its discretion) the defective merchandise with equivalent merchandise at no charge. Warranty replacements may have cosmetic scratches and blemishes. Discontinued products may be replaced with more current equivalent products.

This warranty is valid only for the original purchaser and is not extended to owners of the product subsequent to the original purchaser. Any applicable implied warranties are limited in duration to a period of the express warranty as provided herein beginning with the date of the original purchase at retail, and no warranties, whether express or implied, shall apply to this product thereafter. Some states do not allow limitations on implied warranties; therefore these exclusions may not apply to you. This warranty gives you specific legal rights; however you may have other rights that vary from state to state.

WHAT TO DO IF YOU NEED WARRANTY OR SERVICE

Defective merchandise should be returned to your local Authorized Stillwater Designs (Kicker) Dealer for warranty service. Assistance in locating an Authorized Dealer can be found at www.kicker.com or by contacting Stillwater Designs directly. You can confirm that a dealer is authorized by asking to see a current authorized dealer window decal.

If it becomes necessary for you to return defective merchandise directly to Stillwater Designs (Kicker), call the Kicker Customer Service Department at (405) 624-8510 for a Return Merchandise Authorization (RMA) number. Package all defective items in the original container or in a package that will prevent shipping damage, and return to:

Stillwater Designs, 5021 North Perkins Road, Stillwater, OK 74075

The RMA number must be clearly marked on the outside of the package. Please return only defective components. The return of functioning items increases your return freight charges. Non-defective items will be returned freight-collect to you.

Include a copy of the original receipt with the purchase date clearly visible, and a "proof-of-purchase" statement listing the Customer's name, Dealer's name and invoice number, and product purchased. Warranty expiration on items without proof-of-purchase will be determined from the type of sale and manufacturing date code. Freight must be prepaid; items sent freight-collect, or COD, will be refused.

WHAT IS NOT COVERED?

This warranty is valid only if the product is used for the purpose for which it was designed.
It does not cover:
- o Damage due to improper installation
- o Subsequent damage to other components
- o Damage caused by exposure to moisture, excessive heat, chemical cleaners, and/or UV radiation
- o Damage through negligence, misuse, accident or abuse. Repeated returns for the same damage may be considered abuse
- o Any cost or expense related to the removal or reinstallation of product
- o Speakers damaged due to amplifier clipping or distortion
- o Items previously repaired or modified by any unauthorized repair facility
- o Return shipping on non-defective items
- o Products with tampered or missing barcode labels
- o Products returned without a Return Merchandise Authorization (RMA) number
- o Freight Damage
- o The cost of shipping product to Kicker
- o Service performed by anyone other than Kicker

HOW LONG WILL IT TAKE?

Kicker strives to maintain a goal of 24-hour service for all acoustics (subwoofers, midrange and coaxial drivers, tweeters, crossovers, etc) returns. Delays may be incurred if lack of replacement inventory or parts is encountered.

Failure to follow these steps may void your warranty. Any questions can be directed to the Kicker Customer Service Department at (405) 624-8510.

*International**Warranty***

Contact your International Kicker dealer or distributor concerning specific procedures for your country's warranty policies.

WARNING: KICKER products are capable of producing sound levels that can permanently damage your hearing! Turning up a system to a level that has audible distortion is more damaging to your ears than listening to an undistorted system at the same volume level. The threshold of pain is always an indicator that the sound level is too loud and may permanently damage your hearing. Please use common sense when controlling volume.

GARANTÍA INTERNACIONAL *Versión**Español***

Comuníquese con su concesionario o distribuidor Kicker internacional para obtener infor ación sobre procedimientos específicos relacionados con las normas de garantía de su país.

ADVERTENCIA: Los excitadores Kicker son capaces de producir niveles de sonido que pueden dañar permanentemente el oído. Subir el volumen del sistema hasta un nivel que produzca distorsión es más dañino para el oído que escuchar un sistema sin distorsión al mismo volumen. El dolor es siempre una indicación de que el sonido es muy fuerte y que puede dañar permanentemente el oído. Sea precavido cuando controle el volumen.

La frase "combustible para vivir la vida Livin' Loud™ a todo volumen" se refiere al entusiasmo por la vida que la marca Kicker de estéreos de automóvil representa y a la recomendación a nuestros clientes de que vivan lo mejor posible ("a todo volumen") en todo sentido. La línea de altavoces y amplificadores Kicker es la mejor del mercado de audio de automóviles y por lo tanto representa el "combustible" para vivir a todo volumen en el área de "estéreos de automóvil" de la vida de nuestros clientes. Recomendamos a todos nuestros clientes que obedezcan todas las reglas y reglamentos locales sobre ruido en cuanto a los niveles legales y apropiados de audición fuera del vehículo.

INTERNATIONALE GARANTIE *Deutsche**Version***

Nehmen Sie mit Ihren internationalen Kicker-Fachhändler oder Vertrieb Kontakt auf, um Details über die Garantieleistungen in Ihrem Land zu erfahren.

WARNUNG: KICKER-Treiber können einen Schallpegel erzeugen, der zu permanenten Gehörschäden führen kann! Wenn Sie ein System auf einen Pegel stellen, der hörbare Verzerrungen erzeugt, schadet das Ihren Ohren mehr, als ein nicht verzerrtes System auf dem gleichen Lautstärkepegel. Die Schmerzschwelle ist immer eine Anzeige dafür, dass der Schallpegel zu laut ist und zu permanenten Gehörschäden führen kann. Seien Sie bei der Lautstärkeeinstellung bitte vernünftig!

Der Slogan "Treibstoff für Livin' Loud" bezieht sich auf die mit den Kicker-Autostereosystemen assoziierte Lebensfreude und die Tatsache, dass wir unsere Kunden ermutigen, in allen Aspekten ihres Lebens nach dem Besten ("Livin' Loud") zu streben. Die Lautsprecher und Verstärker von Kicker sind auf dem Markt für Auto-Soundsysteme führend und stellen somit den "Treibstoff" für das Autostereoerlebnis unserer Kunden dar. Wir empfehlen allen unseren Kunden, sich bezüglich der zugelassenen und passenden Lautstärkepegel außerhalb des Autos an die örtlichen Lärmvorschriften zu halten.

GARANTIE INTERNATIONALE *Version**Française***

Pour connaître les procédures propres à la politique de garantie de votre pays, contactez votre revendeur ou distributeur International Kicker.

AVERTISSEMENT: Les haut-parleurs Kicker ont la capacité de produire des niveaux sonores pouvant endommager l'ouïe de façon irréversible ! L'augmentation du volume d'un système jusqu'à un niveau présentant une distorsion audible endommage davantage l'ouïe que l'écoute d'un système sans distorsion au même volume. Le seuil de la douleur est toujours le signe que le niveau sonore est trop élevé et risque d'endommager l'ouïe de façon irréversible. Réglez le volume en faisant prevue de bon sens !

L'expression " carburant pour vivre plein pot " fait référence au dynamisme de la marque Kicker d'équipements audio pour véhicules et a pour but d'encourager nos clients à faire le maximum (" vivre plein pot ") dans tous les aspects de leur vie. Les haut-parleurs et amplificateurs Kicker sont les meilleurs dans le domaine des équipements audio et représentent donc pour nos client le " carburant pour vivre plein pot " dans l'aspect " installation audio de véhicule " de leur vie. Nous encourageons tous nos clients à respecter toutes les lois et réglementations locales relatives aux niveaux sonores acceptables à l'extérieur des véhicules.

P.O. Box 459 • Stillwater, Oklahoma 74076 • U.S.A. • (405) 624-8510

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